

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 62870(70232)
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/524970
INTERNATIONAL APPLICATION NO. PCT/JP03/10461	INTERNATIONAL FILING DATE 19 August 2003	PRIORITY DATE CLAIMED 20 August 2002
TITLE OF INVENTION USE OF LECTIN LIBRARY FOR DISTINGUISHING GLYCOPROTEINS OR CELLS, DIAGNOSING SERUM OR CELLS, OR FRACTIONATING GLYCOPROTEINS OR CELLS		
APPLICANT(S) FOR DO/EO/US Tatsuro IRIMURA; Keisuke MAENUMA; Kunimitsu KOMATSU; Ayumi TACHIKI; Mariko MATSUMOTO		

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371 (c)(2)).
 - a. ☒ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A preliminary amendment.
14. ☐ An Application Data Sheet under 37 CFR 1.76.
15. ☐ A substitute specification.
16. ☐ A power of attorney and/or change of address letter.
17. ☒ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
18. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☐ Other items or information: Form PCT/IB/308; Copy of English translation of "Request"; Form PCT/IB/304; Form PCT/ISA/210; Form PCT/IPEA/409; Front page of published IA; ISR in English, as taken from published IA; Notification of change, in person or status of the Applicants, filed 25 November 2003 (in Japanese), with English translation; Form PCT/IB/306 mailed 24 December 2003 about addition of the applicant "SUMMIT GLYCORESEARCH CORPORATION"; Form PCT/IB/306 mailed 24 December 2003 about deletion of the application "SUMITOMO CORPORATION"; Form PCT/IB/306 mailed 24 December 2003 about deletion of Mr. Tatsuro IRIMURA from the applicants for all designated States except US; Sequence Listing (paper format and on diskette); Sequence Statement; Application Data Sheet; and Return Receipt Postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

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21. The following fees are submitted:

	Applicant Use	Office Use Only
<input checked="" type="checkbox"/> a) Basic national fee \$300.00	\$ 300.00	
<input checked="" type="checkbox"/> b) Examination fee \$200.00	\$ 200.00	
<input checked="" type="checkbox"/> c) Search fee \$500.00	\$ 500.00	
TOTAL OF ABOVE CALCULATIONS = \$1000.00	\$ 1,000.00	

☐ Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.

Total Sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
75 - 100 =	0 /50 =	0	x \$250.00

Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	16 - 20 =		x
Independent claims	1 - 3 =		x
MULTIPLE DEPENDENT CLAIM(s) (if applicable)			+ 360.00
TOTAL OF ABOVE CALCULATIONS =			\$ 1,360.00

☐ Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.

SUBTOTAL = \$ 1,360.00

Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).

TOTAL NATIONAL FEE = \$ 1,360.00

Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property.

TOTAL FEES ENCLOSED = \$ 1,360.00

Amount to be refunded:		\$
Amount to be charged:		\$

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. 04-1105 in the amount of \$ 1,360.00 to cover the above fees. A duplicate copy of this sheet is enclosed.


c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 04-1105. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

David G. Conlin
EDWARDS & ANGELL, LLP
P.O. Box 55874
Boston, Massachusetts 02205
(617) 439-4444
CUSTOMER NUMBER: 21874

SIGNATURE: 
 NAME: Jennifer K. Rosenfield
 DATE: February 18, 2005
 REGISTRATION NUMBER: 53,531

Application No. (if known): Not Yet Assigned

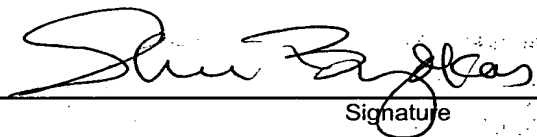
Attorney Docket No.: 62870(70232)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 492 339 734 US in an envelope addressed to:

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P.O. Box 1450
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Signature

Sharon Bizokas

Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office;
Form PCT/IB/308; Copy of Japanese-language International Application as
filed; Copy of English translation of "Request"; English translation of
International Application as filed (42 pages specification, 2 pages claims,
1 page abstract, 19 pages drawings, 11 pages sequence listing);
Sequence Listing on diskette; Sequence Statement; Form PCT/IB/304;
Form PCT/ISA/210); Form PCT/IPEA/409; Front page of published IA;
ISR in English, as taken from published IA; Notification of change, in
person or status of the Applicants, filed 25 November 2003 (in Japanese),
with English translation; Form PCT/IB/306 mailed 24 December 2003
about addition of the applicant "SUMMIT GLYCORESEARCH
CORPORATION"; Form PCT/IB/306 mailed 24 December 2003 about
deletion of the application "SUMITOMO CORPORATION"; Form
PCT/IB/306 mailed 24 December 2003 about deletion of Mr. Tatsuro
IRIMURA from the applicants for all designated States except US;
Application Data Sheet; Charge Deposit Account No. 04-1105 \$1,360.00
and Return Receipt Postcard.